			CD NO.	25X1A
COUNTRY	East Germany	•	DATE DISTR.	22 December 1952
SUBJECT	East German Experime Cuiting Edges	nts with Ceramic	NO. OF PAGES	1
PLACE ACQUIRED			NO. OF ENCLS.	
DATE OF INFO.		25X1A	SUPPLEMENT	[©] 25X1X

SECURITY THEORYPION

Approved For Release 2002/08/14 : CIA-RDP82-00457R015500090007-8

INFORMATION REPORT

Bernage of shortages of tool steel and especially high-speed steel in the bilk, with spots have been made to employ ceramic cutting edges for processing metals, a practice which is allegedly used successfully in the HISE. Thuringian porcelain factories, the Hescho works in Herosdorf for example, once farous for their hard, durable cerewic products, are once port producing good technical porcelain. Severa months ago, Or. Ing (fna) Richter of the Institute for Industrial Science and Standardization of the Technical College of Dresden conducted experiments with cutting plates (Schneideplättichen) of ceramic materials; the experiment were later performed for Minister of Machine Construction Gerhard Giller.

2. Contrary to last German press releases, the results of the experiments were not encouraging: the life of a ceramic cutting plate used for processing soft cast steel amounted to only 16 minutes; cutting edges used on orass, bronze, and light metal (Leichtmetall) were also effective for a short time only Ceramic cutting edges do find practical uses, however, in processing certain plastics such as bakelite. It will probably be some time, though, before such cutting edges can be used on cast steel, brass, bronze, and the like.

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